

**LCD Backlights**  
**Abstract Doc**

**Category:** Light Guide\Wedge, Light Guide\Structure on Top Surface, Enhance, Film\Prism Up, Enhance, Film\Prism Down, Advantage\Brightness, Advantage\Uniformity, Advantage\Viewing Angle

**Category Definition:** 

[Link to Atlas Electronic Library Translation Services](#)

**Title:**

Optical control sheet e.g. for liquid crystal display device - has number of prisms formed on one of its surfaces such that main wire is mutually parallel

**Patent Assignee:**

KONICA CORP

KONS

**Abstract:**

Abstract (Basic): JP 09105804A

The optical control sheet consists of some prisms (13a) on one of its surfaces such that the main wire is mutually parallel. The prisms are oriented towards the light guide plate (12). A cold cathode tube (11) is positioned at the side surface of the optical control sheet.

The optical control sheet consists of two boundary surfaces around the vertex of the prism, which acts as a boundary. The boundary surfaces are of a saw-tooth shape with one of the boundary surfaces of a non-planar shape.

ADVANTAGE - Controls maximum brightness and light parameters. Illuminates screen with uniform brightness.

Dwg.1/21

Abstract (Equivalent): US 5890791A

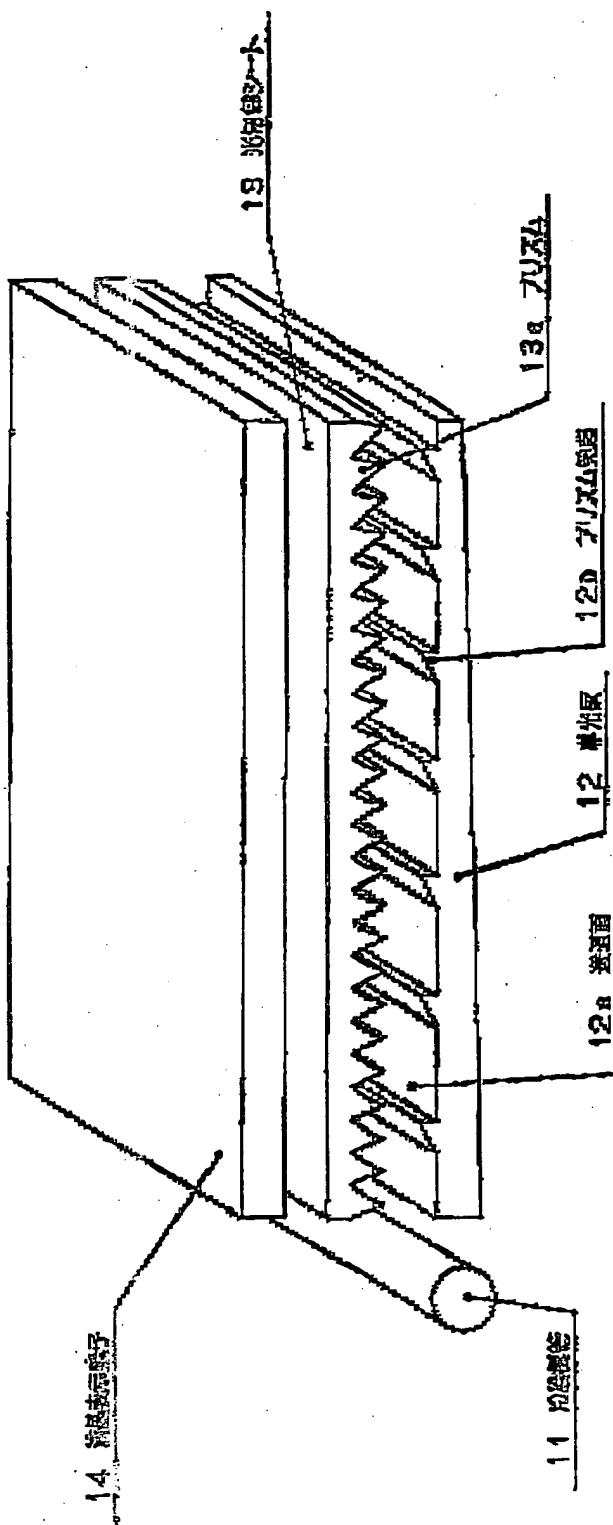
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ADVANTAGE - Controls maximum brightness and light parameters. Illuminates screen with uniform brightness.

**Clipped Images:**

Engineering Drawing:

**Inventors:**

SAITO

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**Patent Family:** If available, click on fulltext doclink to view the associated fulltext/image doc.

Fulltext Doclink	Cntry	Serial	Kind	Date	Week	Pages	Lang
<a href="#">Fig</a>	JP US	09105804 5890791	A A	19970422 19990406	199726 199921	016 000	- -

**Priorities:**

Country	Serial	Date	Type
JP	0265530	19951013	A

**Application, Citations, Coding Information, Index Terms:**

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